



28P11

2827

PATENT
Customer No. 22,852
Attorney Docket No. 04329.2567

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Yasuhiro YAMAJI) Group Art Unit: 2827
)
Application No.: 09/871,671) Examiner: J. Mitchell
)
Filed: June 4, 2001)
)
For: SEMICONDUCTOR DEVICE USING)
SUBSTRATE HAVING CUBIC)
STRUCTURE AND METHOD OF)
MANUFACTURING THE SAME)

Commissioner for Patents
Washington, DC 20231

Sir:

TRANSMITTAL LETTER

Enclosed is a reply to the Office Action of January 3, 2003. The items checked below are appropriate:

- ☐ Applicants hereby petition for a month extension of time to respond to the above Office Action. The fee of \$ for the Extension is enclosed.

The claims are calculated below:

	Claims Remaining After Amendment		Highest Number Previously Paid	Present Extra	Rate	Additional Fee
Total	34	-	25	9	x \$ 18	\$ 162.00
Indep.	5	-	4	1	x \$ 84	84.00
<input type="checkbox"/> First Presentation of Multiple Dep. Claim(s)					+\$280	0.00
Subtotal						\$ 246.00
Reduction by 1/2 if small entity						- 0.00
TOTAL						\$ 246.00

- ☒ A fee of \$246 to cover the cost of the additional claims added by this reply is enclosed.
- ☐ A fee of \$ to cover is enclosed.
- ☒ A check for \$246 to cover the above fee(s) is enclosed.

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Dated: April 3, 2003

By: 

Bryan S. Latham
Reg. No. 49,085

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com



PATENT
Customer No. 22,852
Attorney Docket No. 04329.2567

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Yasuhiro YAMAJI) Group Art Unit: 2827
)
Application No.: 09/871,671) Examiner: J. Mitchell
)
Filed: June 4, 2001)
)
For: SEMICONDUCTOR DEVICE)
USING SUBSTRATE HAVING)
CUBIC STRUCTURE AND)
METHOD OF MANUFACTURING)
THE SAME)

Commissioner for Patents
Washington, DC 20231

Sir:

AMENDMENT

In reply to the Office Action dated January 3, 2003, please amend the application
as follows:

IN THE CLAIMS:

Please amend claims 1, 13, and 26, and add new claims 27-35, as follows:

1. (Twice Amended) A semiconductor device, comprising:

a cylindrical substrate having wirings formed thereon; and

at least one semiconductor chip mounted on a circumferential surface of said

substrate, said semiconductor chip being bent along the surface of said substrate and
having bumps in contact with the wirings,

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP
1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

04/07/2003 WABDELRL 00000108 09871671

01 FC:1201
02 FC:1202

84.00 OP
162.00 OP